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The volume contains an abundance of illustrations, including a large number of microphotographs of excellent quality, as well as four plates of colored figures very well executed and reproduced.—CHARLES DRECHSLER, *New York Botanic Gardens*.

Rocky Mountain flowers

Since the appearance of its earlier edition in 1914, none of the less technical books have proved as useful in becoming acquainted with the vegetation of the Rocky Mountains as Clements' *Rocky Mountain flowers*.² This is due in large measure to the drawings, and more especially to the attractive colored plates that are reproductions of water color sketches by Mrs. CLEMENTS. The twenty-five colored plates, together with a very simple descriptive text, have also been issued in a smaller volume³ for the use of travelers, or to be employed as a souvenir of vacation days.

Among the notable features of the larger volume are a chart exhibiting the genetic relationship of plant families, a key to the families, and numerous keys to genera and species. More complete descriptions of species would be desirable, but could only be given by greatly enlarging the volume. The present edition is on thinner paper, and being bound in flexible leather covers, is very convenient as a pocket companion on mountain climbs.—GEO. D. FULLER.

Weeds of farm land

Miss BRENCHLEY⁴ has published an interesting book on weeds of farm land. This discussion of farm weeds should be interesting to the practical man as affording an opportunity of comparison between the problems of the English and the American farmer. For the latter there may be practical hints and methods that may be applicable to his own fields. The ecologist will find more discussion of the fundamental problems of competition and succession than generally appears in weed manuals. The chapters on "Vitality of weed seeds," "Association with soils," "Association with crops," and "Grass land weeds" touch upon the relationship of plants to their environment and to one another, and seek for solutions of practical problems in the control of limiting factors. Other interesting chapters are those on "Parasitic weeds," "Poisonous weeds," "Uses of weeds," and "Popular and local names of weeds." The last topic is treated in detail, not less than 69 synonyms being given for *Galium Aparine*, 80 for *Orchis mascula*, 54 for *Senecio Jacobaea*, 35 for *Polygonum aviculare*, and 40 for *Ranunculus acris*. The illustrations suffer by comparison with those of similar American books.—GEO. D. FULLER.

² CLEMENTS, F. E., and CLEMENTS, EDITH S., *Rocky Mountain flowers*. 8vo. pp. 392. pls. 47. Field edition. New York: H. W. Wilson Co. 1920.

³ CLEMENTS, EDITH S., *Flowers of the mountain and plain*. 8vo. pp. 79. pls. 25. New York: H. W. Wilson Co. 1920.

⁴ BRENCHLEY, WINIFRED E., *Weeds of farm land*. 12mo. viii+239. figs. 41. London: Longmans Green & Co. 1920. \$4.50.